

APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-00		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO ELN-002	SERIAL NO. 10/010942
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Basi, Gurig et al.	GROUP 1645
				FILING DATE December 6, 2001	

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U.S. PATENT AND TRADEMARK OFFICE
1645 10012001

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>CDN</i>	B1	JP 7-165799	06/95	Japan			Abstract Only
	B2	WO 00/23082 A1	04/00	WO			
	B3	WO 00/72880 A2,A3	05/00	WO			
<i>CDN</i>	B4	WO 02/088306 A2	11/02	WO			
<i>CDN</i>	B5	WO 02/088307 A2	11/02	WO			

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

<i>CDN</i>	B6	Bard, F. et al. "Peripherally administered antibodies against amyloid β -peptide enter the central nervous system and reduce pathology in a mouse model of Alzheimer disease," <i>Nature Medicine</i> 6(8):916-919 (Aug 2000).
<i>CDN</i>	B7	Kettleborough, C.A. et al. "Humanization of a mouse monoclonal antibody by CDR-grafting: the importance of framework residues on loop conformation," <i>Protein Engineering</i> 4(7):773-783 (1991).

Examiner <i>G. Nied</i>	Date Considered <i>5/14/04</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1 of 16

Complete If Known

Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Gurig et al.
Group Art Unit	1645- 1647
Examiner Name	NICHOLS

Attorney Docket Number

ELN-002

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U.S. PATENT DOCUMENTS

Examiner Initials *	Cita. No. ¹	U.S. Patent Document		Name of Patentee or Applicant - of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
CRW	283	09/441,140	—	Solomon et al.	11-16-1999	—
	242	60/168,594	—	Chatifour et al.	N/A	—
	282	60/169,687	—	Chain	N/A	—
	205	60/184,601	—	Holtzman et al.	N/A	—
	289	60/186,295	—	Rasmussen et al.	N/A	—
	206	60/254,466	—	Holtzman et al.	N/A	—
	207	60/254,498	—	Holtzman et al.	N/A	—
	300	2001/0018053	A1	McMichael	08-30-2001	—
	267	6,294,171	B2	McMichael	09-25-2001	—
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	230	6,262,335	B1	Hsiao et al.	07-17-2001	—
	231	6,114,133	—	Seubert et al.	09-05-2000	—
	186	6,150,091	—	Pandolfo et al.	11-21-2000	—
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	221	5,989,566	—	Cobb et al.	11-23-1999	—
	2	5,958,883	—	Snow	09-26-1999	—
	3	5,955,317	—	Suzuki et al.	09-21-1999	—
	4	5,955,079	—	Mond et al.	08-21-1999	—
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	6	5,889,093	—	Weiner et al.	02-09-1999	—
	7	5,869,054	—	Weiner et al.	02-09-1999	—
	8	5,854,204	—	Findels et al.	12-29-1998	—
	9	5,851,996	—	Kline	12-22-1998	—
	10	5,849,298	—	Weiner et al.	12-15-1998	—
	11	5,837,473	—	Maggio et al.	11-17-1998	—
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	207	5,780,587	—	Potter	07-14-1998	—
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	16	5,688,651	—	Solomon	11-18-1997	—
	17	5,679,348	—	Nesburn et al.	10-21-1997	—

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Date Considered

5/14/04

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Substitute for form 1449A/PTO				Complete If Known	
				Application Number	10/010942
				Filing Date	December 6, 2001
				First Named Inventor	Basi, Guriq et al.
				Group Art Unit	1645 1647
				Examiner Name	NICHOLS
				Attorney Docket Number	ELN-002
Sheet	2	of	16		

18	5,645,820	—	Haffler et al.	07-08-1997	—
19	5,641,474	—	Haffler et al.	06-24-1997	—
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21	5,612,486	—	McConiogue et al.	03-18-1997	—
22	5,605,811	—	Seubert et al.	02-25-1997	—
23	5,585,100	—	Mond et al.	12-17-1996	—
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175	5,441,870	—	Seubert, et al.	08-15-1995	—
28	5,434,170	—	Andrusis, Jr.	07-18-1995	—
27	5,387,742	—	Cordell	02-07-1995	—
181	5,270,165	—	Van Nostrand et al.	12-14-1993	—
284	5,231,170	—	Averback	1993-07-27	—
28	5,231,000	—	Majocha et al.	07-27-1993	—
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198	5,004,697	—	Pardridge	04-02-1991	—
34	4,886,829	—	Glenner et al.	05-19-1987	—

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴			
GTW	35	EP	911 036	A2	04-28-1999	—
	36	EP	868 918	A2	10-07-1998	—
	37	EP	863 211	A1	09-09-1998	—
	38	EP	845 270	A1	08-03-1998	—
	39	EP	782 859	A1	07-09-1997	—
	40	EP	683 234	A1	11-22-1995	—
	41	EP	668 080	A1	08-09-1995	—
	42	EP	652 962	B1	12-16-1998	—
	43	EP	639 081	B1	11-03-1999	—
	44	EP	613 007	A2	08-31-1994	—
	45	EP	594 607	B1	08-27-1997	—
	46	EP	561 087	B1	08-04-1999	—
	47	EP	526 511	B1	05-28-1997	—
GTW	48	EP	506 785	B1	03-15-2000	—

Examiner Signature	<i>G. Williams</i>	Date Considered	5/14/04
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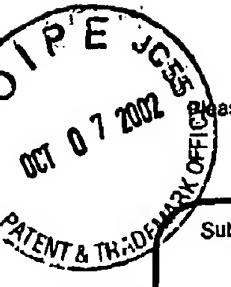
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Substitute for form 1449A/PTO

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3

of 16

Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Gurig et al.
Group Art Unit	1645-1647
Examiner Name	NIC HOCS
Attorney Docket Number	ELN-002

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51	EP	359 783	B1	11-28-1995	
52	EP	276 723	B1	12-08-1993	
187	EP	783 104	A1	07-09-1997	
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188	PCT	00/43049	A1	07-27-2000	
53	PCT	99/60024	A1	11-25-1999	
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55	PCT	99/58564	A1	11-18-1999	
56	PCT	99/06066	A2	02-11-1999	
57	PCT	99/27949	A1	06-10-1999	
58	PCT	99/27944	A1	06-10-1999	
59	PCT	99/27911	A1	06-10-1999	
203	PCT	99/00150	A2	01-07-1999	
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64	PCT	96/25435	A1	08-22-1996	
65	PCT	96/18900	A1	08-20-1996	
66	PCT	95/31998	A1	11-30-1995	
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68	PCT	95/11311	A1	04-27-1995	
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74	PCT	93/16724	A1	09-02-1993	
75	PCT	93/15760	A1	08-18-1993	

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Date Considered

5/14/04

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet 4 of 16

Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Gurraq et al.
Group Art Unit	1646-1647
Examiner Name	NICHOLS
Attorney Docket Number	ELN-002

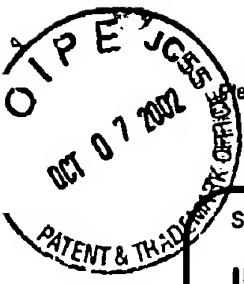
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78	PCT	92/13069	A1	→	08-06-1992	→	→
79	PCT	92/06708	A1	→	04-30-1992	→	→
80	PCT	92/06187	A1	→	04-16-1992	→	→
81	PCT	91/19810	A1	→	12-26-1991	→	→
82	PCT	91/16819	A1	→	11-14-1991	→	→
83	PCT	91/12816	A1	→	09-05-1991	→	→
84	PCT	91/08760	A1	→	08-27-1991	→	→
85	PCT	90/12871	A1	→	11-01-1990	→	→
86	PCT	90/12870	A1	→	11-01-1990	→	→
87	PCT	89/01343	A1	→	02-23-1989	→	→
88	PCT	89/08242	A1	→	07-13-1989	→	→
89	PCT	89/06669	A1	→	07-27-1989	→	→
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91	PCT	88/10120	A1	→	12-29-1988	→	→
92	GB	2 220 211	A	→	01-04-1990	→	→
93	GB	2 335 192	A	→	09-15-1999	→	→

Examiner Signature		Date Considered	5/14/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

16

Complete if Known

Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Guriq, Basi et al.
Group Art Unit	1045 1647
Examiner Name	NICHOLS

Attorney Docket Number

ELN-002

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CGO	94	ANDERSEN et al., "Do nonsteroidal anti-inflammatory drugs decrease the risk for Alzheimer's disease?", <u>Neurology</u> , 45:1441-1445 (1995).	<input type="checkbox"/>
	95	Associated Press, "Immune cells may promote Alzheimer's, a study finds," <u>The Boston Globe</u> (4/13/95).	<input type="checkbox"/>
	176	BARD et al., "Peripherally administered antibodies against amyloid β-peptide enter the central nervous system and reduce pathology in a mouse model of Alzheimer disease," <u>Nature Medicine</u> , 6(8):916-919 (2000).	<input type="checkbox"/>
	228	BARROW, et al., "Solution Conformations and aggregational Properties of Synthetic Amyloid Beta-Peptides of Alzheimer's Disease. Analysis of Circular Dichroism Spectra" <u>J. Mol.Biol.</u> , 225(4): 1075-1093 (1992).	<input type="checkbox"/>
	96	BAUER et al., "Interleukin-6 and α-2-macroglobulin indicate an acute-phase state in Alzheimer's disease cortices," <u>FEBS Letters</u> , 285(1):111-114 (1991).	<input type="checkbox"/>
	239	BEASLEY, "Alzheimer's traced to proteins caused by aging," <u>Reuters</u> , April 20, 2001 7:56 PM ET.	<input type="checkbox"/>
	204	BERCOVICI et al., "Chronic Intravenous Injections of Antigen Induce and Maintain Tolerance in T Cell Receptor-Transgenic Mice," <u>Eur. J. Immunol.</u> , 29:345-354 (1999).	<input type="checkbox"/>
	212	BICKEL et al., "Site Protected, Cationized Monoclonal Antibody Against Beta Amyloid as a Potential Diagnostic Imaging Technique for Alzheimer's Diseases," <u>Soc. for Neuroscience Abstracts</u> 18:764 (1992).	<input type="checkbox"/>
	97	BLASS, John P., "Immunologic Treatment of Alzheimer's Disease," <u>New England J. Medicine</u> , 341(22):1694 (1999).	<input type="checkbox"/>
	98	BODMER et al., "Transforming Growth Factor-Beta Bound to Soluble Derivatives of the Beta Amyloid Precursor Protein of Alzheimer's Disease," <u>Biochem. Biophys. Res. Comm.</u> , 171(2):890-897 (1990).	<input type="checkbox"/>
	99	BORCHELT et al., "Accelerated Amyloid Deposition in the Brains of Transgenic Mice Coexpressing Mutant Presenilin 1 and Amyloid Precursor Proteins," <u>Neuron</u> , 19: 939-945 (1997).	<input type="checkbox"/>
	100	BORIS-LAWRIE et al., "Recent advances in retrovirus vector technology," <u>Cur. Opin. Genet Develop.</u> , 3: 102-109 (1993).	<input type="checkbox"/>
	101	BRICE et al., "Absence of the amyloid precursor protein gene mutation (APP717 : Val->Ile) in 85 cases of early onset Alzheimer's disease," <u>J. Neurology, Neurosurg. Psychiatry</u> , 58:112-115 (1993).	<input type="checkbox"/>
✓	285	CAPUTO et al., "Therapeutic approaches targeted at the amyloid proteins in Alzheimer's disease," <u>Clin. Neuropharm.</u> , 15:414A-414B (1992).	<input type="checkbox"/>
CGO	224	Center for Biologics Evaluation and Research, U.S. Food and Drug Administration, Thimerosal in Vaccines (Mercury in Plasma-Derived Products), web site contents found at : http://www.fda.gov/cber/vaccine/thimerosal.htm , last updated May 18, 2002.	<input type="checkbox"/>

Examiner Signature

Date Considered

5/14/04

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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16

Complete If Known

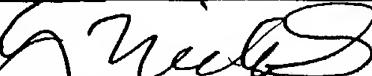
Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq et al.
Group Art Unit	1645 1647
Examiner Name	NICHOLS

Attorney Docket Number ELN-002

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102	CHAO et al., "Transforming Growth Factor- β Protects human Neurons Against β -Amyloid-Induced Injury," <u>Soc. Neurosci. Abstracts</u> , 19:513.7 (1993).	<input type="checkbox"/>
268	CHAPMAN, PAUL F., "Model behavior," <u>Nature</u> , 408:915-916 (2000).	<input type="checkbox"/>
222	Chemical Abstract database. Abstract of "Injection of Newborn Mice with Seven Chemical Adjuvants to Help Determine Their Safety in Use in Biologicals." -Chemical Abstract database. (Publication date unknown.)	<input type="checkbox"/>
213	CHEN et al. "An Antibody to β Amyloid Precursor Protein Inhibits Cell-substratum Adhesion in Many Mammalian Cell Types," <u>Neuroscience Letters</u> 125:223-228 (1991).	<input type="checkbox"/>
302	CHUNG et al. "Uptake, Degradation, and Release of Fibrillar and Soluble Forms of Alzheimer's Amyloid β -Peptide by Microglial Cells," <u>J. Biol. Chem.</u> , 274(45):32301-32308 (1999).	<input type="checkbox"/>
291	COLOMA et al., "Transport Across the Primate Blood-Brain Barrier of a Genetically Engineered Chimeric Monoclonal Antibody to the Human Insulin Receptor," <u>Pharm. Res.</u> , 17:266-274 (2000).	<input type="checkbox"/>
286	CORDELL, B., " β -Amyloid formation as a potential therapeutic target for Alzheimer's disease," <u>Ann. Rev. Pharmacol. Toxicol.</u> , 34:69-89 (1994).	<input type="checkbox"/>
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Group Art Unit	1645 1647
Examiner Name	NICHOLS
Attorney Docket Number	ELN-002

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Group Art Unit	1645 1647
Examiner Name	NICHOLS
Attorney Docket Number	ELN-002

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

12

of

16

Complete if Known

Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq et al.
Group Art Unit	1645 1647
Examiner Name	NICHOLS
Attorney Docket Number	ELN-002

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Examiner Signature		Date Considered	5/14/04
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				Filing Date	December 6, 2001
				First Named Inventor	Basi, Guriq et al.
				Group Art Unit	1645 1647
				Examiner Name	NICHOLS
Sheet	13	of	16	Attorney Docket Number	ELN-002

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Examiner Signature

G. Nichols

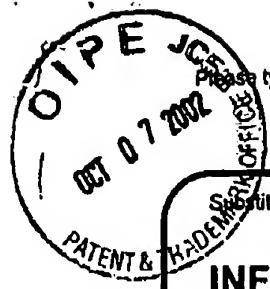
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 14

of 16

Complete If Known

Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq et al.
Group Art Unit	1645-1647
Examiner Name	NICHOLS

Attorney Docket Number

ELN-002

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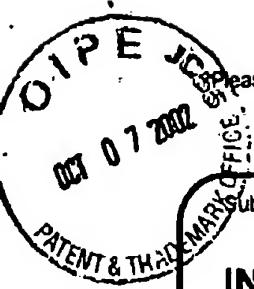
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 15

of 16

Complete If Known

Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq et al.
Group Art Unit	1645-1647
Examiner Name	NICHOLS
Attorney Docket Number	ELN-002

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<i>CDO</i>	A1	Chen G, et al. A learning deficit related to age and beta-amyloid plaques in a mouse model of Alzheimer's disease. Nature. 2000 Dec 21-28;408(6815):975-9
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Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
<i>CDO</i>	A12	5,593,846	-----	Schenk et al.	01-14-1997	-----
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FOREIGN PATENT DOCUMENTS

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<i>CDO</i>	A14	-----	WO 00/72876	A2, A3	-----	12-07-2000	-----
<i>CDO</i>	A15	-----	WO 00/72880	A2, A3	-----	12-07-2000	-----

Examiner Signature	<i>G. Nichols</i>	Date Considered	5/14/04
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Sheet 16		of 16	Attorney Docket Number		
			ELN-002		

CD	B1	Du Y, et al. Reduced levels of amyloid beta-peptide antibody in Alzheimer disease. Neurology. 2001 Sep 11;57(5):801-5.
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CD	B4	US 2002/0138718	A1	Raso	09-26-2002	

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CD	B6	09/724,842	—	Gheiffour et al.	N/A	

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